

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-7 (cancelled).

Claim 8 (currently amended): A system for treating cardiac valve regurgitation, the system comprising:

a device for treating cardiac valve regurgitation comprising:

a tube including a lumen there through;

a compression member carried on the tube; and

a sleeve rotatably disposed about the tube and the compression member, the sleeve including a side port formed therein, wherein the side port is alignable with the compression member by relative rotation between the sleeve and the compression member;

a delivery catheter; and

a release mechanism to releasably attach the delivery catheter to [[the]] a treatment device,

wherein the release mechanism comprises:

a threaded attachment portion at a proximal end of the tube for threaded attachment to a threaded receiver portion disposed at a distal end of the delivery catheter.

Claim 9 (currently amended): A system for treating cardiac valve regurgitation, the system comprising:

a device for treating cardiac valve regurgitation comprising:

a tube including a lumen there through;

a compression member carried on the tube; and

a sleeve rotatably disposed about the tube and the compression member, the sleeve including a side port formed therein, wherein the side port is alignable with the compression member by relative rotation between the sleeve and the compression member;

a delivery catheter; and

a release mechanism to releasably attach the delivery catheter to [[the]] a treatment device,

wherein the delivery catheter comprises a driving catheter, the driving catheter including a keyway disposed at a distal end, the keyway being sized and shaped for receiving a proximal end of the compression member when the compression member is in a delivery configuration.

Claim 10 (original): A method for treating cardiac valve regurgitation, the method comprising:

providing a treatment device comprising a compression member disposed exteriorly on a tube and a sleeve rotatably disposed about the tube and the compression member; positioning the treatment device in a blood vessel adjacent a cardiac valve; and effectuating relative rotation between the sleeve and the compression member to align the compression member with a side port in the sleeve, thus deploying the compression member through the side port and into contact with the blood vessel.

Claim 11 (original): The method of claim 10 wherein deploying the compression member deforms the blood vessel and applies a compressive force to the cardiac valve.

Claim 12 (original): The method of claim 10 wherein the blood vessel adjacent the cardiac valve is a coronary sinus.

Claim 13 (original): The method of claim 10 wherein positioning the treatment device in a blood vessel is executed via a delivery catheter.

Claim 14 (original): The method of claim 13 further comprising: releasing the treatment device from the delivery catheter after the compression member has been deployed.

Claim 15 (original): The method of claim 14 wherein releasing the treatment device from the delivery catheter comprises rotating the delivery catheter in relation to the treatment device to unscrew a threaded engagement there between.

Claim 16 (original): The method of claim 10 wherein deploying the compression member through the side port transforms the compression member from a delivery configuration to a compression configuration.

Application No. 10/531,818
Amd. Dated: August 7, 2008
Reply to Office Action mailed May 15, 2008